

CLASSIFICATION:

UNCLASSIFIED**BUDGET ITEM JUSTIFICATION SHEET
P-40**

DATE:

FEBRUARY 2004

APPROPRIATION/BUDGET ACTIVITY

OTHER PROCUREMENT, NAVY BA-4, ORDNANCE SUPPORT EQUIPMENT

P-1 ITEM NOMENCLATURE

SURFACE ASW SUPPORT EQUIPMENT (544900 & 544905) A46B

Program Element for Code B Items:

Other Related Program Elements

	Prior Years	ID Code		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY												
COST (In Millions)				\$6.8	\$11.7	\$4.5	\$4.7	\$4.8	\$4.9	\$4.9	Cont.	Cont.
SPARES COST (In Millions)												

This line item provides funding to procure Reliability, Maintainability and Availability (RM&A) and Safety modifications through the Ordnance Alteration (ORDALT) process to in-service ASW Fire Control, Surface Vessel Torpedo Tubes and related support and test equipment. These requirements arise as a result of evaluation, testing and Fleet use of existing, new or modified ASW weapons and/or related systems and subsystems. Included in this line item are all related procurements for training and simulation equipment required for the life cycle support efforts of this equipment. ORDALT quantities are highly variable.

Cost Code 6B001 provides funding for Ordnance Alteration (ORDALT) kits for the ASW Underwater Fire Control System (UFCS) MK116 MOD4 and the Control Panel MK309 MOD2. FY03-05 ORDALT procurements include Software Preset/Launch Capability ORDALT (30493) and ORDALT (TBD) for addition of wide angle display, cable terminations and tech refresh of obsolete motherboard parts. Provides material support for the UFCS MK116 and Control Panel MK309 shoresite laboratory at NSWC Dahlgren. Procurements will ensure laboratories are at Fleet baseline configurations. Provides funding for equipment upgrades for the MK331 Torpedo Setting Panel and the Torpedo Presetter Test Set MK432 MOD4/MOD6.

Cost Code 6B004 provides funding for Surface Vessel Torpedo Tubes (SVTT) MK32 and ancillary equipment for testing, training and maintainability. FY04-05 ORDALT procurements include: SVTT ORDALTs (15713, 16627, 16717); Control Box improvement ORDALT (TBD); Emergency Fire Circuit Improvement ORDALT (TBD); Advanced Torpedo Tube Ready Breech (ATTRB); Mount to Magazine Door Interoperability Improvement ORDALT (TBD); Torpedo Loading Tray ORDALT (15714); Air Charging Panel ORDALT (TBD); and MK54 Compatibility ORDALT (TBD); Securing Mechanism MOD ORDALT (TBD); Barrel Guide Modification ORDALT (TBD); Crank Support and Flex Shaft Re-design ORDALT (TBD); Lever and Block Assembly Re-design ORDALT (TBD). Procure Surface Vessel Torpedo Tubes (SVTT) shoresite laboratory equipment for Launcher System Facilities (LSF). LSFs are used to simulate shipboard conditions for over-the-side torpedo launchers in the trouble shooting of Fleet reported problems, as well as for the development of the required ORDALTs.

NOTE: ORDALT procurements are highly variable and dependent on shipboard configurations and equipment age.

Cost Code 6B005 provides fully remanufactured/upgraded SVTT systems to the FFG-7 and DDG-51 Class ships at pre-determined intervals, based on the life of the ship. This program will also provide long-lead launchers and other components to support upgrades, CASREP resolution and ISEA engineering requirements. Funding to establish an overhaul program and remanufacture/upgrade SVTTs was provided through a Congressional plus-up in FY01. An FY04 Congressional plus-up of \$7.0M was authorized for continuance of the overhaul program that provides fully remanufactured/upgraded SVTTs to USN Surface Combatants.

P-1 SHOPPING LIST

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APPROPRIATION/BUDGET ACTIVITY OTHER PROCUREMENT, NAVY BA-4, ORDNANCE SUPPORT EQUIPMENT	P-1 ITEM NOMENCLATURE SURFACE ASW SUPPORT EQUIPMENT (544900 & 544905) A46B	
<p>Cost Code 6B830 provides the necessary engineering support funds to cover the associated ILS elements, ECP reviews, and engineering audits for SVTT and Fire Control ORDALT production.</p> <p>Cost Code 6B860 provides the in-house Navy acceptance test and evaluation funding required for the safety and quality assurance testing of all Fire Control ORDALTS.</p> <p>Cost Code 6B900 provides the necessary funding for consulting services required for all scheduling of ORDALT production test and installation in conjunction with operation, safety and environmental requirements.</p> <p>Cost Code 6B5IN funds installation of all FCS/SVTT ORDALTs and Flexible Universal Stowage System (FUSS) under the Fleet Modernization Program (FMP). ORDALT AIT pier-side installations are variable and contingent on TYCOM scheduling.</p>		

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WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System							DATE: FEBRUARY 2004			
APPROPRIATION/BUDGET ACTIVITY Other Procurement, Navy BA-4, ORDNANCE SUPPORT EQUIPMENT						ID Code A		P-1 ITEM NOMENCLATURE/SUBHEAD SURFACE ASW SUPPORT EQUIPMENT (544900 & 544905) A46B								
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years	FY 2003			FY 2004			FY 2005						
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
6B001	FIRE CONTROL ORDALTs	A				875			1,860			1,871				
6B004	TORPEDO TUBE ORDALTs	A				658			1,692			1,726				
6B005	SVTT UPGRADES	A				3,500			7,000							
6B830	PRODUCTION ENGINEERING SUPPORT	A				95			348			238				
6B860	FIRE CONTROL ACCEPTANCE T&E	A				30			170			183				
6B900	CONSULTING SERVICES	A				39			310			324				
6B5IN	FMP INSTALLATION OF EQUIPMENT FIRE CONTROL/SVTT FUSS	A				(1,583) 158 1,425			(313) 313			(197) 197				
						6,780			11,693			4,539				

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